

IV.—Register of the fall of rain, in inches, at Dacca, from 1827 to 1834. By Dr. G. W. LAMB.

	1827.	1828.	1829.	1830.	1831.	1832.	1833.	1834.
	in.	in.	in.	in.	in.	in.	in.	in.
January, .....	..	0.4	0.1	..	..	..	..	1.0
February, .....	..	0.1	0.1	1.8	3.9	0.7	..	0.7
March,	3.9	0.3	1.0	10.1	4.8	3.6	..	5.7
April,	4.8	1.9	8.1	9.1	7.3	10.2	4.5	5.2
May,	9.1	4.1	11.8	17.7	10.7	6.6	12.4	4.9
June,	12.9	8.4	5.8	10.9	28.6	8.2	5.1	16.0
July,	13.6	9.8	12.0	10.6	8.4	6.6	5.1	5.6
August,	8.1	8.2	8.7	14.6	13.5	17.7	18.6	9.0
September,	18.6	9.7	11.7	6.8	6.6	9.6	12.2	11.2
October,	2.4	3.5	21.5	9.1	5.2	3.5	3.2	6.2
November, .....	..	..	..	3.2	..	..	1.0	0.4
December,	0.6	0.4	..	..	..	..	0.7	2.1
	74.0	46.8	80.8	93.9	89.0	66.7	62.8	68.0

Dacca, 20th June, 1835.

V.—Register of the Thermometer at Ambála, for 1834. By M. P. EDGEWORTH, Esq. C. S.

[Having a great many registers of daily observations on hand, for which we have hitherto been unable to find space, we have been obliged to confine ourselves to the publication of monthly abstracts; but we have prepared a copper-plate, in which we hope shortly to exhibit the daily observations both of Barometer and Thermometer for many localities in the same view, and in very limited space.—ED.]

I have the pleasure of enclosing a register of the thermometer at this place for last year. The temperature during the hot weather is probably considerably too high, in consequence of the situation of the thermometers in the fort town where I then resided; but I hope this year to obtain a fairer estimate, as I have now moved into a bungalow, and the thermometers are placed in the north veranda, very little exposed to glare, &c. Finding that there was scarcely any difference between the means deduced from the extreme temperature during the day and that from the temperature at 10 A. M. and 10 P. M., I have discontinued the latter. For the greater part of the year the maximum and minimum are the extremes, according to the register thermometer; but as frequently I am absent from this place on business in the district, a native (on whose accuracy I can place confidence) registers the temperature at sunrise, and at half past two in the cold, and three in the hot, season, which I have observed to be the hottest time of the day respectively.

Note.—The thermometers used were self-registering ones; that for the minimum with a metal scale by NEWMAN; that for the maximum, with a wooden scale by HAMILTON. They were placed in a niche in a wall facing the north, but exceedingly exposed to glare in the upper (3rd) story of the fort, a large mass of brick, which consequently became exceedingly heated, and was slow in cooling in the hot weather; therefore the temperature stood considerably higher than it would have done in the veranda of a bungalow or house, and cannot be fairly compared with registers made in other places in consequence.

	MEANS.						EXTREMES.						No. of days on which rain fell.
	Mean of minim.	Mean of max.	Mean temp. of the day deduced from			Mean diurnal variation.	Minimum.		Maximum.		Diurnal variation.		
			Mean of max. & min.	Mean 10 A. M. & 10 P. M.	Mean of 4 times.		Highest.	Lowest.	Highest.	Lowest.	Greatest.	Least.	
Jan...	43.24	63.17	53.2	51.4	52.3	23.5	57.	38.5	70.5	56.	27.5	9.	1
Feb...	51.35	70.85	61.1	60.2	60.6	19.9	60.	41.	79.	65.	26.5	8.	5
March...	58.97	81.87	70.4	70.5	70.45	23.	71.	50.	95.	69.	31.	14.	5
April...	67.16	94.63	80.9	80.85	80.87	27.4	82.	55.	111.	80.5	33.	15.	6
May...	82.5	117.7	100.1	100.0	100.05	35.2	90.5	72.	120.	104.5	37.	25.	1
June...	83.65	110.1	96.82	96.33	96.52	26.45	95.5	70.	119.	93.	36.	11.5	8
July...	78.87	96.1	87.4	84.8	86.1	17.3	87.	70.	108.	81.	26.	3.	22
Aug...	78.2	96.88	87.5	86.	86.7	18.6	85.	74.	105.	90.	26.	9.	20
Sept...	77.03	93.2	85.1	84.1	84.6	16.2	84.	71.	99.	82.	21.	10.	14
Oct...	67.33	85.36	76.5	75.2	75.8	18.	78.	58.	96.	69.	24.	5.	3
Nov...	54.03	76.06	65.05	64.3	64.77	22.03	62.	51.	80.	71.	25.	16.	2
Dec...	47.9	65.96	56.93	56.85	56.89	18.06	56.	42.	72.	59.	24.	9.	4
Whole year, ..	0	0	76.59	75.87	76.23	22.13	95.5	38.5	120.	56.	37.	3.	93

	No of days on which the wind blew.			
	From W. quarter.	E. quarter.	Both E. and W.	N. or S.
January,	22	7	0	2
February,	14	12	0	2
March,	17	14	0	0
April,	19	7	3	1
May,	14	5	12	0
June,	3	9	16	0
July,	2	28	2	2
August,	5	16	10	0
September,	11	15	4	0
October,	16	14	1	0
November,	27	3	0	0
December,	19	7	2	8
Total, ..	168	147	50	10

By W. quarter is to be understood from N. W. to S. W. inclusive.